

Jiahui (Kavi) Tan

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Professional Experiences

Swoon Group

Contract Data Scientist, LinkedIn

Sunnyvale, CA

Aug. 2019 – Current

- Create and automate reports and dashboards to track business metrics for Trust areas.
- Monitor trend metrics and quickly identify the root cause of anomaly.
- ETL data, clean and validate data when needed.
- Understand the gap between member perceived fake account versus policy defined fake account.
- Act as data science partner for messaging abuse through:
 - Profile confirmed sexual harassers to identify behaviors and characteristics.
 - Design A/B test to measure success of the inline warning product on protecting members from sexual harassment in the messaging product.
 - Assemble a state of union for understanding the overall messaging abuse landscape.
 - Define the true north metric for this area for the team to goal towards and measure success.
 - Size repeated sexual harassers to set threshold for earlier preventive measures on these members.

Adecco USA

Contract Data Analyst, Google

Redwood City, CA

Nov. 2018 – Aug. 2019

- Prepared quarterly revenue reports for over nine sales programs by generating input data for the revenue impact models, running the impact models, performing quality assurance on input and output data, and updating impact dashboard with finalized results.
- Refactored all of the team's current codebase relating to impact measurement to work with the new internal SQL syntax.
- Supported the international growth team by providing control/treatment group assignments balanced on metrics relating to prior year spend and revenue growth.
- Identified new internal data sources and tables for modeling and data validation.

UC Davis Center for Educational Effectiveness

Data Analyst

Davis, CA

Jun. 2017 – Nov. 2018

Lead Student Programmer

Feb. 2015 – Jun. 2017

- Used SQL to access data and use software such as R to merge, aggregate, manipulate, and clean data.
- Utilized various statistical methods to tackle projects involving missing data, self-selection bias, and other challenges to identification.
- Performed preliminary interpretations of the data analysis results and prepared timely, accurate, easy to read, and informative evaluation reports in a variety of formats.
- Designed and implemented effective data visualization dashboards in R Shiny and Tableau.
- Led meetings with internal and external stakeholders to clarify their needs and plan projects.
- Collaborated with the Lead Programmer to identify data quality problems and keep codebooks up to date.

Education

University of California, Davis

Master of Science, Statistics

Davis, CA

2016–2017

Bachelor of Science, Statistics

2012–2016

Minor in Computer Science and Managerial Economics

Skills

Statistical Methods: Linear Models | Machine Learning

Software and Programming Language: R | Python | Spark | Tableau | SQL | Linux

Language: Chinese (Fluent in both Mandarin and Cantonese)